

**What is claimed is:**

1. A plunger engagement section for safety hypodermic syringe, applied  
in a safety hypodermic syringe having a barrel, a needle holder, a  
locating ring, a plunger, a needle and a needle shield, comprising the  
5 characteristics that:  
  
the plunger accommodated in the barrel is provided with a protruding  
portion at a front end of the engagement section thereof, and the  
protruding portion fills a hollow space at an interior of the needle  
holder when pushing the plunger forward and performing an injection,  
10 thereby more thorough injecting a medical solute contained in the  
barrel.
2. The plunger engagement section for safety hypodermic syringe in  
accordance with claim 1, wherein the protruding portion is raised and  
extended from a middle portion of the engagement section for  
15 corresponding with the space at the interior of the needle holder.
3. The plunger engagement section for safety hypodermic syringe in  
accordance with claim 1, wherein the protruding portion is a  
cylindrical body having dimensions corresponding to a diameter of  
the space at the interior of the needle holder, thereby filling the space  
20 when pushing the plunger forward.